

American Chemical Society

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COMMUNICATION DIVISION

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Richard L. Kenyon, Director

January 9, 1975

STATINTL

Dr. Stepan G. Korneyev
Chief, Foreign Relations Department
USSR Academy of Sciences
14 Leninskiy Prospekt
Moscow V-71, U.S.S.R.

Re: US/USSR Program of Cooperation in Chemical Catalysis
Visit to the U.S.S.R. by Mr. Randall D. PARTRIDGE

Dear Dr. Korneyev:

This will introduce to you Mr. Randall D. Partridge as a research fellow in the US/USSR Program of Cooperation in Chemical Catalysis. Mr. Partridge is an engineer of the Mobil Research and Development Corporation, Paulsboro, New Jersey. Beginning February 1, he will be on a 9-months leave from the Mobil Research and Development Corporation to join Professor Alvin Weiss at Worcester Polytechnic Institute. In preparation for his visit to the USSR, Mr. Partridge will be working on formose research with Professor Weiss and a USSR research fellow, Dr. Vladislav Seleznev.

As indicated in the enclosed data sheet, Mr. Partridge plans to arrive in Moscow on March 1 for a period of four months. During that time he will work on formose reaction with Professor Oleg V. Krylov and Dr. Michael M. Sakharov at the Institute of Chemical Physics in Moscow.

If the indicated program of Mr. Partridge is acceptable to you, we would appreciate your confirmation of his proposed date of arrival or your suggestion of an alternate date.

Sincerely yours,

Richard L. Kenyon
Richard L. Kenyon
Program Administrator

Encl.

cc: Academ. G. K. Boreskov
Prof. O. V. Krylov
Dr. M. M. Sakharov
Dr. E. Loebner
Prof. J. D. Baldeschwieler
cc: Mr. W. Root ✓

CHEMICAL CATALYSIS

US-USSR Cooperation Program - 1972-1977

DATA SHEET

of Exchange Visitors

1. Name: Randall David Partridge
2. Date and place of birth: 24 February 1950 Quincy, Mass. USA
3. Education and scientific degree: Worcester Polytechnic Inst.
B.S. Chemical Engineering
4. Professional employment and position:
Mobil Research and Development Corporation
Paulsboro, New Jersey
Engineer: Systems Research and Process Control Group
Process R&D
5. Scientific specialization:
Laboratory and pilot plant automation, Complex Reaction Systems
Catalysis, Gas Chromatography and Combined GC-MS
6. Knowledge of foreign languages:
Studying Russian
7. Publications (if the entire list of publications cannot be
recorded in the space provided, submit all
publications on a separate sheet):

Bierenbaum, H. S., Partridge, R. D., and Weiss, A. H.,
"The Interactive Effects of Alumina Tetrahedra in
Hydrogen Exchanged Mordenite", ACS Advances in Chemistry
Series, 121, 605 (1973).

Partridge, R. D., Weiss, A. H., and Todd, D., "Branched-
Chain Carbohydrate Structures Resulting from Formaldehyde
Condensation", Carbohydrate Research, 24, 29-44 (1972).

Weiss, A. H., Tambawala, H., Partridge, R. D., and
Shapira, J., "Polyols from Formaldehyde", DeChema-
Monographien, 68, 239-263 (1971).

Partridge, R. D., and Weiss, A. H., "Extraction Procedure
for TMS Carbohydrate Ethers", J. Chrom. Sci., 8, 553
(1970).

8. Proposed field of research work and cooperation:

Formose Reaction

9. Tentative program of visits /proposed placements for research work, names of scientists, institutions, etc./ and duration of each visit:

Professor Oleg V. Krylov and Dr. Michael M. Sakharov
Institute of Chemical Physics, Moscow - 4 months

10. Titles of Lectures:

None planned

11. Proposed Date of Arrival and Duration of Visit:

March 1, 1975 for four months